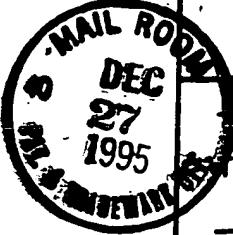


PATENT APPLICATION TRANSMITTAL LETTER

Docket Number (Optional)

H 579395



to the Commissioner of Patents and Trademarks:

Transmitted herewith for filing under 35 U.S.C. 111 and 37 CFR 1.53 is the patent application of

William H. Swain
entitled Error Correction by Selective Modulation

Enclosed are: Covering Letter with Details

- 54 pages of written description, claims and abstract.
- 12 sheets of drawings.
- an assignment of the invention to William H. Swain Co. (1/2 Profit)
- executed declaration of the inventors.
- a certified copy of a _____ application.
- associate power of attorney. *The inventor acts as attorney*
- a verified statement to establish small entity status under 37 CFR 1.9 and 1.27.
- information disclosure statement
- preliminary amendment
- other: Copy P-tovisional Application of 1 Dec.95 Cover Sheet
- "Copy Discharge Doc. 384233. CLAIMS AS FILED Cover sheet

	NUMBER FILED	NUMBER EXTRA	RATE	FEE
BASIC FEE (37 CFR 1.16(a))			\$ 730	\$ 730
TOTAL CLAIMS (37 CFR 1.16(c))	13 - 20 =	0	x \$ 22	—
INDEPENDENT CLAIMS (37 CFR 1.16(b))	5 - 3 =	2	x \$ 76	152.
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))			\$240	—

* NUMBER EXTRA MUST BE ZERO OR LARGER	TOTAL	\$ 882.-
If applicant has small entity status under 37 CFR 1.9 and 1.27, then divide total fee by 2, and enter amount here.	TOTAL	\$ 441.-

A check in the amount of \$ 441.- to cover the filing fee is enclosed.

The Commissioner is hereby authorized to charge and credit Deposit Account No. _____ as described below. I have enclosed a duplicate copy of this sheet.

- Charge the amount of \$ _____ as filing fee.
- Credit any overpayment.
- Charge any additional filing fees required under 37 CFR 1.16 and 1.17.
- Charge the issue fee set in 37 CFR 1.18 at the mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).

21 December 1995

Date

William H. SwainSignature
WILLIAM H. SWAIN

Typed or printed name

4662 GLEASON AVE.SARASOTA, FL 34242

Phone: 813-349-4593

Appendix A

PTO/SB/16 (6-99)
Approved for use through 04/04/2004
OMB Control Number 0651-0002
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE



PROVISIONAL APPLICATION COVER SHEET

This is a request for filing a PROVISIONAL APPLICATION under 37 CFR 1.53 (b)(2).

Docket Number			Type a plus sign (+) inside this box -->
INVENTOR(s)/APPLICANT(s)			
LAST NAME	FIRST NAME	MIDDLE INITIAL	RESIDENCE (CITY AND EITHER STATE OR FOREIGN COUNTRY)
SWAIN	WILLIAM	H.	4662 Ganson Ave. Sarasota, FL - 34242
TITLE OF THE INVENTION (280 characters max.)			
<p><i>Effort Collection by Selective Modulation</i></p>			
CORRESPONDENCE ADDRESS			
<p><i>William H. Swain to William H. Swain Co. 239 Field End Street - Sarasota, FL 34240</i></p>			
STATE	FL	ZIP CODE	34240
COUNTRY			
United States			
ENCLOSED APPLICATION PARTS (check all that apply)			
<input checked="" type="checkbox"/>	Specification	Number of Pages	63 + 30
<input checked="" type="checkbox"/>	Drawing(s)	Number of Sheets	11
<input type="checkbox"/>	Small Entity Statement - TWO each		
<input type="checkbox"/>	Other (specify) <i>Letter of Transmittal</i>		
METHOD OF PAYMENT (check one)			
<input checked="" type="checkbox"/>	A check or money order is enclosed to cover the Provisional filing fees		
<input type="checkbox"/>	The Commissioner is hereby authorized to charge filing fees and credit Deposit Account Number: <input type="text"/>		
PROVISIONAL FILING FEE AMOUNT (\$)			75.00

The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

No.

Yes, the name of the U.S. Government agency and the Government contract number are: _____

Respectfully submitted, *William H. Swain - 12-1-95*

SIGNATURE *William H. Swain*

Date *12-1-95*

*Swain of
acts as
Attorney.*

TYPED or PRINTED NAME *WILLIAM H. SWAIN*

REGISTRATION NO.
(if appropriate)

Additional inventors are being named on separately numbered sheets attached hereto

PROVISIONAL APPLICATION FILING ONLY

Burden Hour Statement: This form is estimated to take 2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Office of Information and Regulatory Affairs, Office of Management and Budget, Projects and Cost Analysis, Washington, DC 20580. (T) THIS FORM IS NOT SUBJECT TO COMPLIANCE



WILLIAM H. SWAIN CO.
ELECTRONIC INSTRUMENTS

PHONES: (813) 378-0712
(813) 957-3110
HOME: (813) 349-4593

08 579395

239 FIELD END STREET
SARASOTA, FLORIDA 34240

21 December 1995

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Greetings;

William H. Swain, sole inventor, encloses an application for a patent on an invention entitled Error Correction by Selective Modulation. It concerns method and means for building and using a sensor with improved signal to noise ratio in the presence of an interfering noise source.

The application includes:

Patent application transmittal letter of 21 Dec. 1995,
Provisional application cover sheet and letter of 1 Dec. 1995,
Disclosure Document #384223 and cover letter of 23 Oct. 1995,
Specification, with description and 13 claims,

Included in the specification are:

Cross references,
Summary of the invention,
Description of drawings,
Detailed description of the invention,
13 claims,
Abstract of the invention,
Drawings, 12 sheets for 13 drawings,

Declaration for patent application,

Declaration,

Assignment of the invention - ½ profit,

Filing fee of \$441, check #9530,

Verified statement claiming small entity status (37 CFR 1.9(f) & 1.27(c)) - Small business concern,

Verified statement claiming small entity status (37 CFR 1.9(f) & 1.27(b)) - Independent inventor, (two each),

Your early consideration and grant of claims are respectfully requested.

Sincerely,

William H. Swain
Sole inventor

441
414
027

masar

WILLIAM H. SWAIN CO.
ELECTRONIC INSTRUMENTS

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239 FIELD END STREET
SARASOTA, FLORIDA 34240

October 23, 1995

Commissioner of Patents and Trademarks
Box DD
Washington, DC 20231

Subj: Disclosure Documents for preservation

*#384233
Oct. 24, 1995*

Greetings:

Please preserve the Disclosure Documents enclosed pertaining to the inventions relating to "Error Correction by Selective Modulation." These include copies with revisions thru today or material still changing, namely:

- 1) Draft of patent disclosure - Error correction by Selective Modulation; 13 pages dated Oct. 23, 1995.
- 2) Draft of summary - Error Correction by Selective Modulation; 2 pages dated Oct. 11, 1995.
- 3) Draft of Appendix I - Derivation of the Mathematical Relationship for Zero Offset Correction; 3 pages dated Sept. 8 thru Oct. 14, 1995.
- 4) Draft of Appendix II - Hall Devices; 4 pages.
- 5) Rough draft of claims in 7 pages.

I enclose the \$10 fee, stamped self addressed envelope, and duplicate of this letter.

I am the sole inventor of these ideas. I request that the enclosed writings be reviewed for processing under the Disclosure Document Program.

William H. Swain
William H. Swain
Inventor
12-1995